

Title (en)

CONTEXT BASED SWITCHING TO A SECURE OPERATING SYSTEM ENVIRONMENT

Title (de)

KONTEXTBASIERTE SCHALTUNG ZU EINER SICHEREN BETRIEBSSYSTEMUMGEBUNG

Title (fr)

COMMUTATION BASÉE SUR LE CONTEXTE À UN ENVIRONNEMENT DE SYSTÈME D'EXPLOITATION SÉCURISÉ

Publication

EP 2973171 A4 20161026 (EN)

Application

EP 13877580 A 20130314

Priority

US 2013031569 W 20130314

Abstract (en)

[origin: WO2014142904A1] Generally, this disclosure provides devices, systems, methods and computer readable media for context based switching to a secure OS environment including cloud based data synchronization and filtration. The device may include a storage controller to provide access to the secure OS stored in an initially provisioned state; a context determination module to monitor web site access, classify a transaction between the device and the website and identify a match between the web site and a list of web sites associated with secure OS operation or a match between the transaction classification and a list of transaction types associated with secure OS operation; and an OS switching module to switch from a main OS to the secure OS in response to the identified match. The switch may include updating state data associated with the secure OS, the state data received from a secure cloud-based data synchronization server.

IPC 8 full level

G06F 21/51 (2013.01); **G06F 21/56** (2013.01); **G06F 21/57** (2013.01); **G06F 21/62** (2013.01); **H04L 29/06** (2006.01)

CPC (source: CN EP US)

G06F 21/56 (2013.01 - US); **G06F 21/567** (2013.01 - CN EP US); **G06F 21/57** (2013.01 - CN EP US); **G06F 21/572** (2013.01 - CN EP US); **G06F 21/6245** (2013.01 - CN EP US); **G06F 21/6272** (2013.01 - CN EP US); **G06F 21/74** (2013.01 - CN); **H04L 63/083** (2013.01 - CN US); **H04L 63/1433** (2013.01 - CN US); **G06F 2221/2129** (2013.01 - US)

Citation (search report)

- [Y] US 2008256536 A1 20081016 - ZHAO XIAOMING [CN], et al
- [Y] US 2002091803 A1 20020711 - IMAMURA KOKORO [US], et al
- [A] US 2003005033 A1 20030102 - MOHAN SUDHIR [US], et al
- [A] US 2010037321 A1 20100211 - OZ AMI [IL], et al
- [A] US 2010146267 A1 20100610 - KONETSKI DAVID [US], et al
- See references of WO 2014142904A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2014142904 A1 20140918; BR 112015018870 A2 20170718; CN 105122260 A 20151202; CN 105122260 B 20181123; CN 107944271 A 20180420; EP 2973171 A1 20160120; EP 2973171 A4 20161026; EP 2973171 B1 20181212; JP 2016514319 A 20160519; JP 6055574 B2 20161227; KR 101700552 B1 20170126; KR 20150106937 A 20150922; US 2014337918 A1 20141113; US 2017359333 A1 20171214

DOCDB simple family (application)

US 2013031569 W 20130314; BR 112015018870 A 20130314; CN 201380072999 A 20130314; CN 201711283351 A 20130314; EP 13877580 A 20130314; JP 2016500049 A 20130314; KR 20157021816 A 20130314; US 201313995555 A 20130314; US 201715666146 A 20170801